

CLAIMS

What is claimed is:

1. A bus bar having a desired circuit configuration and to be contained in an electrical connection box to be mounted on an automobile, comprising:

an aluminum-based metal plate punched into a desired circuit configuration to form a flat plate-like circuit body;

an L-shaped terminal piece made from copper-based metal plate;

a horizontal portion of said L-shaped terminal piece secured to said flat plate-like circuit body by welding, a conductive adhesive, riveting, or caulking so that a vertical portion of said terminal piece projects from said body forming a tab.

2. A bus bar according to Claim 1, wherein contact portions between said flat plate-like circuit body and said horizontal portion of said terminal piece are molded by a resin so that said vertical portion projects from said molded portion.

3. A bus bar having a desired circuit configuration and to be contained in an electrical connection box to be mounted on an automobile, comprising:

an aluminum-based metal plate punched into a desired circuit configuration to form a flat plate-like circuit body;

an L-shaped terminal piece made from a copper-based metal plate;

a horizontal portion of said L-shaped terminal pieces secured to said flat plate-like circuit body by molding a resin onto contact portions between said terminal piece and said circuit body and a vertical portion of said terminal piece projects from said circuit body to form a tab.

4. A bus bar according to Claim 3, wherein said molded portion has a thick insulation plate section at an opposite side from a tab-projecting side of said flat plate-like circuit body, said insulation plate section directly disposed on a lower bus bar without interposing any insulation plate between the upper and lower bus bars when laminating said bus bars.

5. A bus bar according to Claim 1, wherein said terminal piece is provided in an end with a press contact slot to form a press contact tab.

6. A bus bar according to Claim 1, wherein said terminal piece secured to an end or any intermediate position on said flat plate-like circuit body.

7. A bus bar according to Claim 3, wherein said terminal piece is provided in an end with a press contact slot to form a press contact tab.

8. A bus bar according to Claim 3, wherein said terminal piece secured to an end or any intermediate position on said flat plate-like circuit body.